ASUS Launches A55BM-K FM2+ Motherboard in India

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Mumbai, Maharashtra, March 25, 2014 /India PRwire/ -- ASUS today launched A55BM-K FM2+ Motherboard in India. The motherboard features DIGI+ VRM and new UEFI BIOS on the A55 chipset. DIGI + VRM provide the motherboard precise power control and long-lasting stability. The latest UEFI BIOS and exclusive EZ Mode add useful info and ensure easy operations. The Network iControl feature helps in prioritizing network traffic for applications.

New UEFI BIOS - friendlier and more intuitive - Media-renowned UEFI BIOS from ASUS provides the smoothest mouse-controlled graphical BIOS, and now features more intuitive functions to quickly take the user to favorite BIOS pages and frequently-accessed settings through custom shortcuts. Users may even write quick notes in-BIOS for future reference, view an activity log of setting changes and modifications, and rename SATA ports. EZ Mode has a whole new look, upgraded with extra-friendly capabilities like detailed fan controls, D.O.C.P profile settings, SATA information, and fast clock adjustment.

AI Suite 3 - One-stop access to innovative ASUS features - ASUS AI Suite 3 offers a brand new user experience through a clearer and more attractive interface with support for larger monitors. It consolidates all exclusive ASUS features into one simple-to-use package, allowing users to supervise overclocking, energy consumption, fan speeds, voltages and more. This all-in-one app offers diverse and easy to use functionality, with no need to switch back and forth between different utilities.

Network iControl - Real-time network bandwidth management - One click to prioritize network traffic for applications users are currently using or set up favorite profiles to run at specific times. This helps in avoiding network congestion, speed up downloading, and make sure online gaming runs optimized, all through an intuitive user interface.

DIGI+ VRM - Precise power control and long-lasting stability - Voltage regulator modules (VRMs) are among the most essential motherboard components. A good VRM intelligently delivers APU power based on actual needs at any given time. This great accuracy reduces energy waste and of course improves system stability.

PCI Express 3.0 - PCI Express 3.0 uses improved encoding that provides twice the performance of PCI Express 2.0. Total bandwidth for an x16 link reaches 32GB/s, delivering unprecedented data speeds combined with the convenience and seamless transition offered by complete backward compatibility.

AMD® A-Series Accelerated Processor with AMD Radeon™ R Series Graphics - This motherboard fully supports the latest AMD Socket FM2+ Kaveri APUs with AMD Radeon R series graphics and retains compatibility with AMD Socket FM2 (Richland and Trinity) APUs. AMD Socket FM2+ APUs support Microsoft® DirectX 11.1 for incredibly fast and smooth graphics, native PCI Express 3.0 for full-speed expansion and 4K resolutions via HDMI and DisplayPort connections.

AMD® A55 FCH(Hudson D2) - AMD® A55 FCH (Hudson D2) - Is designed to support up to 5GT/s interface speed and PCI Express™ 2.0 graphics. It supports 6 x SATA 3Gb/s ports.

Some additional details about the product:
ASUS A55BM-K: Rs. 3285/- (excluding taxes)
ASUS Contact (Company Name): ASUS Technology Pvt. Ltd.
Phone: (91)-22-61598700 / 18002090365
E-mail: reachus@asus.com
Website: www.asus.in
Full specifications are available at www.asus.com
Warranty Period: 3 years

Specifications:

CPU

AMD Socket FM2+ for A- series/Athlon™Series Processors

Supports CPU up to 4 cores

AMD® Turbo Core Technology 3.0 Supports

* Refer to www.asus.com for the AMD® CPU support list.

Chipset

AMD® A55 FCH

Memory

2 x DDR3 DIMM, max. 32GB, DDR3 2133/1866/1600/1333 MHz, non-ECC un-buffered memory Dual Channel memory architecture

*Hyper DIMM support is subject to the physical characteristics of individual CPUs.

**The Max. 32 GB memory capacity can be supported with DIMMs of 16GB (or above). ASUS will update QVL once the DIMMs are available on the market.

***Refer to www.asus.com or user manual for Memory QVL (Qualify Vendor List)

**** Due to OS limitation, when installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize less than 3GB. Install a 64-bit Windows® OS when you want to install 4GB or more memory on the motherboard

Graphics

Integrated AMD Radeon™ HD 8000/7000 Series Graphics in the A-Series APU

Multi-VGA output support: DVI/D-Sub port

- Supports Dual-link DVI with max. resolution 2560 x 1600@60Hz

- Supports D-Sub with max. resolution 1920 x 1600@60Hz

- Maximum shared memory of 2G

- Supports AMD® Dual Graphics technology

* Refer to http://www.amd.com/us/products/technologies/dual-graphics/Pages/dual-graphics.aspx#3 for the discrete GPUs which support

Expansion Slots

1x PCI Express 3.0*/2.0 x16 slot

1 x PCI Express 2.0 x1 slot

1 x PCI slot

*Only FM2+ APU can support PCIe 3.0

Storage

AMD® A55 FCH:

4 x Serial ATA 3Gb/s connectors(Dark brown) with RAID 0, RAID 1,RAID 10 and JBOD support

LAN

RTL8111G Gigabit LAN controller

Audio

Realtek® ALC 887-VD 8-Channel High Definition Audio CODEC

*Use a chassis with HD audio module in the front panel to support an 8-channel audio output.

USB

AMD® A55 FCH :

- 8 x USB2.0 ports(4 ports at back panel,4 ports at mid-board)

- ASUS DIGI+ VRM - 3+1 Phase digital power design

- ASUS Enhanced DRAM Overcurrent Protection - Short circuit damage prevention

- ASUS ESD Guards - Enhanced ESD protection

- ASUS Stainless Steel Back I/O - 3x more durable corrosion-resistant coating

ASUS Exclusive Features

- ASUS EPU

- ASUS Network iControl

- ASUS AI Charger

- ASUS AI Suite III

- ASUS Anti-Surge

ASUS Quiet Thermal Solution

- ASUS Fanless Design: Stylish Heatsink Solution

- ASUS Fan Xpert

ASUS EZ DIY

- ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface

- ASUS CrashFree BIOS 3
- ASUS EZ Flash 2
- ASUS MyLogo 2

Back Panel I/O Ports

1 x PS/2 Keyboard

1 x PS/2 Mouse

1 x DVI Port

1 x D-Sub Output port

1 x LAN (RJ45) port

4 x USB 2.0/1.1 ports

8 channel Audio(3 Jacks)

Onboard Connector

2 x USB 2.0 connectors support additional 4 USB 2.0 ports

1 x COM connector

4 x SATA 3Gb/s connectors

1 x System Panel connector

1 x Internal Speaker connector

1 x CPU Fan connectors

1 x SPDIF_out connectors

1 x Chassis Fan connectors

1 x High Definition front panel audio connector

24-pin EATX power connector

4-pin ATX 12V Power connector

BIOS

64Mb Flash ROM, NEW UEFI BIOS, PnP, DMI v2.0, WfM2.0, SM BIOS V2.6, ACPI V2.0a

Accessories

2 x Serial ATA 3Gb/s cables

1x IO Shield

1 x Support DVD

User's manual

Support DVD

Drivers

ASUS utilities

ASUS Update

Anti-virus software (OEM version)

Operating System Support

Windows® 8.1 / 8.1 64-bit

Windows® 8 / 8 64-bit

Windows® 7 / 7 64-bit

Windows® Vista / Vista 64-bit

Windows® XP

Form factor

uATX Form Factor,8.9*7.2(22.6 cm x 18.3 cm)

Full specifications are available at www.asus.com

Notes to Editor

About ASUS

ASUS is a worldwide top-three consumer notebook vendor and maker of the world's best-selling, most award-winning, motherboards. A leading enterprise in the new digital era, ASUS designs and manufactures products that perfectly meet the needs of today's digital home and office, with a broad portfolio that includes motherboards, graphics cards, optical drives, displays, desktop and all-in-one PCs, notebooks, netbooks, servers, multimedia devices, wireless solutions, networking devices, tablets and smartphones. Driven by innovation and committed to quality, ASUS won 4,256 awards in 2013 and is widely credited with revolutionizing the PC industry with its Eee PC™. ASUS has more than 12,500 employees around the globe with a world-class R&D team of 3,800 engineers. Company revenue for 2012 was approximately US$14 billion.

For more information, please contact:

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